

Dragon Eye



NRL's Electronic Warfare Division, in collaboration with the Marine Corps Warfighting Laboratory (MCWL), is developing an affordable, expendable airborne sensor platform, Dragon Eye, to demonstrate Small Unit reconnaissance and threat detection capabilities. The ONR/MCWL- sponsored Dragon Eye will consist of a man-portable, 5.5 lb., hand or bungee launched air vehicle, and a Ground Control Station (GCS) to provide command and control and receive the aircraft's video and GPS position. The vehicle characteristics will enable an operational capability in adverse weather conditions. Dragon Eye will feature autonomous flight capability to allow one-person operation. The endurance is 30-60 minutes at 35 kt airspeed, with an electric propulsion system. Interchangeable 0.5 lb. modular commercial off-the-shelf components payloads for Dragon Eye will include daylight, low light, and infrared imaging systems and robust communications links.

For more information, please contact:



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